

1600

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/422,838C

DATE: 11/30/2001
TIME: 12:02:10

Input Set : A:\AMP2.txt
Output Set: N:\CRF3\11212001\I422838C.raw

ENTERED

3 <110> APPLICANT: Liu, Chuan-Fa
4 Feige, Ulrich
5 Cheetham, Janet C.
7 <120> TITLE OF INVENTION: Thrombopoietic Compounds
9 <130> FILE REFERENCE: 01017/36263
C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/422,838C
C--> 12 <141> CURRENT FILING DATE: 1999-10-22
14 <150> PRIOR APPLICATION NUMBER: 60/105,348
15 <151> PRIOR FILING DATE: 1998-10-23
17 <160> NUMBER OF SEQ ID NOS: 46
19 <170> SOFTWARE: PatentIn Ver. 2.0
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 14
23 <212> TYPE: PRT
24 <213> ORGANISM: Artificial Sequence
26 <220> FEATURE:
27 <223> OTHER INFORMATION: Description of Artificial Sequence: peptide
29 <400> SEQUENCE: 1
30 Ile Glu Gly Pro Thr Leu Arg Gln Trp Leu Ala Ala Arg Ala
31 1 5 10
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 14
36 <212> TYPE: PRT
37 <213> ORGANISM: Artificial Sequence
39 <220> FEATURE:
40 <223> OTHER INFORMATION: Description of Artificial Sequence: peptide
42 <220> FEATURE:
43 <223> OTHER INFORMATION: Peptide is a subunit of a homodimer: Subunits in
44 the dimer are covalently bonded at each carboxy
45 terminus through peptide linkage with
46 NH2-CH2-CH2-CH2-CH2-CH(CONH2)-NH-CO-CH2-CH2-NH2
48 <400> SEQUENCE: 2
49 Ile Glu Gly Pro Thr Leu Arg Gln Trp Leu Ala Ala Arg Ala
50 1 5 10
53 <210> SEQ ID NO: 3
54 <211> LENGTH: 684
55 <212> TYPE: DNA
56 <213> ORGANISM: Artificial Sequence
58 <220> FEATURE:
59 <223> OTHER INFORMATION: Description of Artificial Sequence:
60 oligonucleotide
62 <400> SEQUENCE: 3
63 atggacaaaa ctcacacatg tccaccttgt ccagctccgg aactcctggg gggaccgtca 60
64 gtttccctct tccccccaaa acccaaggac accctcatga tctcccgac ccctgaggtc 120
65 acatgcgtgg tggtgacgt gagccacgaa gaccctgagg tcaagttcaa ctggtagtgc 180
66 gacggcgtgg aggtgcataa tgccaagaca aagccgcggg aggagcaga caacagcacg 240
67 taccgtgtgg tcagcgtcct caccgtcctg caccaggact ggctgaatgg caaggagtac 300

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68 aagtgcagg tctccaacaa agccctccca gccccatcg agaaaaccat ctccaaagcc 360
 69 aaaggcagc cccgagaacc acagggtgac accctgcccc catcccggga tgagctgacc 420
 70 aagaaccagg tcagcctgac ctgcctggtc aaaggcttct atcccagcga catgccgtg 480
 71 gagtgggaga gcaatgggca gcggagaac aactacaaga ccacgcctcc cgtgctggac 540
 72 tccgacggct cttcttcct ctacagcaag ctcaccgtgg acaagagcag gtggcagcag 600
 73 gggAACGTCT tctcatgtc cgtgatgcat gaggctctgc acaaccacta cacgcagaag 660
 74 agcctctccc tgtctccggg taaa 684
 75 <210> SEQ ID NO: 4
 76 <211> LENGTH: 684
 77 <212> TYPE: DNA
 78 <213> ORGANISM: Artificial Sequence
 79 <220> FEATURE:
 80 <223> OTHER INFORMATION: Description of Artificial Sequence:
 81 oligonucleotide
 82 <400> SEQUENCE: 4
 83 tacctgtttt gagtggtgac aggtggaaca ggtcgaggcc ttgaggaccc ccctggcagt 60
 84 cagaaggaga aggggggtt tgggttcctg tgggagtaact agagggcctg gggactccag 120
 85 ttagcgcacc accacctgca ctgcgtgctt ctgggactcc agttcaaggatt gaccatgcac 180
 86 ctgcccgcacc tccacgtatt acgggtctgt ttcggcgccc tcctcgatcat gttgtcgtgc 240
 87 atggcacacc agtcgcagga gtggcaggac gtggctctga ccgacttacc gttcctcatg 300
 88 ttacacgttcc agaggtgtt tcggggagggt cggggtagc tctttggta gaggttcgg 360
 89 tttcccgtcg gggctcttgg tggccacatgt tggacgggg gttagggccct actcgactgg 420
 90 ttcttggtcc agtcggactg gacggaccag tttccagaaga tagggtcgt gtagccgcac 480
 91 ctcaccctct cgttaccctgt cgcccttctt ttatgtttct ggtgcggagg gcacgacctg 540
 92 aggtgcgcga ggaagaagga gatgtcgatc gagtgcacc ttttcgtc caccgtcg 600
 93 cccttgcaga agagtacgag gcaactacgta ctccgagacg ttttggtat gtgcgtcttc 660
 94 tcggagaggg acagaggccc attt 684
 95 <210> SEQ ID NO: 5
 96 <211> LENGTH: 228
 97 <212> TYPE: PRT
 98 <213> ORGANISM: Artificial Sequence
 99 <220> FEATURE:
 100 <223> OTHER INFORMATION: Description of Artificial Sequence: peptide
 101 <400> SEQUENCE: 5
 102 Met Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu
 103 1 5 10 15
 104 Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu
 105 20 25 30
 106 Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser
 107 35 40 45
 108 His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu
 109 50 55 60
 110 Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr
 111 65 70 75 80
 112 Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn
 113 85 90 95
 114 Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro
 115 100 105 110
 116 Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln

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130 115 120 125
132 Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu Thr Lys Asn Gln Val
133 130 135 140
135 Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val
136 145 150 155 160
138 Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro
139 165 170 175
141 Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr
142 180 185 190
144 Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val
145 195 200 205
147 Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu
148 210 215 220
150 Ser Pro Gly Lys
151 225
154 <210> SEQ ID NO: 6
155 <211> LENGTH: 8
156 <212> TYPE: PRT
157 <213> ORGANISM: Artificial Sequence
159 <220> FEATURE:
160 <223> OTHER INFORMATION: Description of Artificial Sequence: peptide
162 <400> SEQUENCE: 6
163 Gly Gly Gly Lys Gly Gly Gly
164 1 5
167 <210> SEQ ID NO: 7
168 <211> LENGTH: 8
169 <212> TYPE: PRT
170 <213> ORGANISM: Artificial Sequence
172 <220> FEATURE:
173 <223> OTHER INFORMATION: Description of Artificial Sequence: peptide
175 <400> SEQUENCE: 7
176 Gly Gly Gly Asn Gly Ser Gly Gly
177 1 5
180 <210> SEQ ID NO: 8
181 <211> LENGTH: 8
182 <212> TYPE: PRT
183 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:
186 <223> OTHER INFORMATION: Description of Artificial Sequence: peptide
188 <400> SEQUENCE: 8
189 Gly Gly Gly Cys Gly Gly Gly
190 1 5
193 <210> SEQ ID NO: 9
194 <211> LENGTH: 4
195 <212> TYPE: PRT
196 <213> ORGANISM: Artificial Sequence
198 <220> FEATURE:
199 <223> OTHER INFORMATION: Description of Artificial Sequence: peptide
201 <400> SEQUENCE: 9

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202 Gly Pro Asn Gly
203 1
206 <210> SEQ ID NO: 10
207 <211> LENGTH: 32
208 <212> TYPE: PRT
209 <213> ORGANISM: Artificial Sequence
211 <220> FEATURE:
212 <223> OTHER INFORMATION: Description of Artificial Sequence: peptide
214 <400> SEQUENCE: 10
215 Ile Glu Gly Pro Thr Leu Arg Gln Trp Leu Ala Ala Arg Ala Gly Pro
216 1 5 10 15
218 Asn Gly Ile Glu Gly Pro Thr Leu Arg Gln Trp Leu Ala Ala Arg Ala
219 20 25 30
225 <210> SEQ ID NO: 11
226 <211> LENGTH: 36
227 <212> TYPE: PRT
228 <213> ORGANISM: Artificial Sequence
230 <220> FEATURE:
231 <223> OTHER INFORMATION: Description of Artificial Sequence: peptide
233 <220> FEATURE:
234 <223> OTHER INFORMATION: Cyclic peptide; Secondary structure is maintained
235 by disulfide bond between intramolecular Cys
236 residues at positions 9 and 31
238 <400> SEQUENCE: 11
239 Ile Glu Gly Pro Thr Leu Arg Gln Cys Leu Ala Ala Arg Ala Gly Gly
240 1 5 10 15
242 Gly Gly Gly Gly Gly Ile Glu Gly Pro Thr Leu Arg Gln Cys Leu
243 20 25 30
245 Ala Ala Arg Ala
246 35
249 <210> SEQ ID NO: 12
250 <211> LENGTH: 36
251 <212> TYPE: PRT
252 <213> ORGANISM: Artificial Sequence
254 <220> FEATURE:
255 <223> OTHER INFORMATION: Description of Artificial Sequence: peptide
257 <400> SEQUENCE: 12
258 Ile Glu Gly Pro Thr Leu Arg Gln Cys Leu Ala Ala Arg Ala Gly Gly
259 1 5 10 15
261 Gly Gly Gly Gly Gly Ile Glu Gly Pro Thr Arg Leu Gln Cys Leu
262 20 25 30
264 Ala Ala Arg Ala
265 35
268 <210> SEQ ID NO: 13
269 <211> LENGTH: 36
270 <212> TYPE: PRT
271 <213> ORGANISM: Artificial Sequence
273 <220> FEATURE:
274 <223> OTHER INFORMATION: Description of Artificial Sequence: peptide

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Input Set : A:\AMP2.txt

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276 <400> SEQUENCE: 13
277 Ile Glu Gly Pro Thr Leu Arg Gln Ala Leu Ala Ala Arg Ala Gly Gly
278 1 5 10 15
280 Gly Gly Gly Gly Gly Ile Glu Gly Pro Thr Leu Arg Gln Ala Leu
281 20 25 30
283 Ala Ala Arg Ala
284 35
287 <210> SEQ ID NO: 14
288 <211> LENGTH: 36
289 <212> TYPE: PRT
290 <213> ORGANISM: Artificial Sequence
292 <220> FEATURE:
293 <223> OTHER INFORMATION: Description of Artificial Sequence: peptide
295 <400> SEQUENCE: 14
296 Ile Glu Gly Pro Thr Leu Arg Gln Trp Leu Ala Ala Arg Ala Gly Gly
297 1 5 10 15
299 Gly Lys Gly Gly Gly Ile Glu Gly Pro Thr Leu Arg Gln Trp Leu
300 20 25 30
302 Ala Ala Arg Ala
303 35
306 <210> SEQ ID NO: 15
307 <211> LENGTH: 36
308 <212> TYPE: PRT
309 <213> ORGANISM: Artificial Sequence
311 <220> FEATURE:
312 <223> OTHER INFORMATION: Lys residue at position 18 is Bromoacetylated
314 <220> FEATURE:
315 <223> OTHER INFORMATION: Description of Artificial Sequence: derivatized
316 peptide
318 <400> SEQUENCE: 15
319 Ile Glu Gly Pro Thr Leu Arg Gln Trp Leu Ala Ala Arg Ala Gly Gly
320 1 5 10 15
322 Gly Lys Gly Gly Gly Ile Glu Gly Pro Thr Leu Arg Gln Trp Leu
323 20 25 30
325 Ala Ala Arg Ala
326 35
329 <210> SEQ ID NO: 16
330 <211> LENGTH: 36
331 <212> TYPE: PRT
332 <213> ORGANISM: Artificial Sequence
334 <220> FEATURE:
335 <223> OTHER INFORMATION: Description of Artificial Sequence: peptide
337 <400> SEQUENCE: 16
338 Ile Glu Gly Pro Thr Leu Arg Gln Trp Leu Ala Ala Arg Ala Gly Gly
339 1 5 10 15
341 Gly Cys Gly Gly Gly Ile Glu Gly Pro Thr Leu Arg Gln Trp Leu
342 20 25 30
344 Ala Ala Arg Ala
345 35

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/422,838C

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Input Set : A:\AMP2.txt

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L:11 M:270 C: Current Application Number differs, Replaced Application Number

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date